

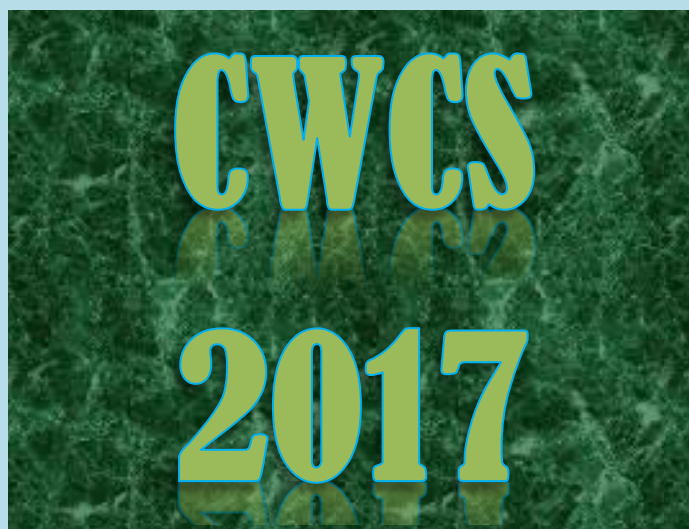


Cameroon Wildlife
Conservation Society

CWCS

Towards Biodiversity Conservation & Sustainable Development of Local Communities /

Au Service de la Conservation de la Biodiversité et du Développement Durable des Communautés Locales



**CAMEROON WILDLIFE
CONSERVATION
SOCIETY
ANNUAL REPORT 2017
*Rapport Annuel 2017***

*Partnering for conservation and wise use of inland & coastal wetlands in
Cameroon and beyond / Partenariat pour la conservation et l'utilisation
rationnelle des zones humides continentales et côtières Cameroun et au-delà*

CWCS MISSION STATEMENT

The mission of CWCS is to work with the Government of Cameroon and other conservation NGOs and partners on environmental issues related to sustainable natural resource utilisation and economic development through:

- Lobbying for improved biodiversity and environmental policies;
- Capacity building of stakeholders notably local communities;
- Environmental education and awareness generation;
- Specialized research and monitoring studies targeting endangered and flagship species and habitats especially wetlands;
- Development of strategic partnerships and networks with other NGOs to address various conservation issues at national and sub-regional levels;
- Supporting grass root conservation work with local communities within threatened ecosystems through participatory management addressing poverty alleviation and Sustainable Natural Resource Management.

Cameroon Wildlife Conservation Society
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CITATION:

CWCS 2017. Annual Report 2017 /Rapport Annuel 2017. Cameroon Wildlife Conservation Society.

FOREWORD



A team of Experts: Recording physicochemical parameters of water in mangrove sites

CWCS holds an important position in wetlands conservation having been actively involved over the past 20 years in coastal and inland wetlands conservation and protected area management issues through the implementation of two programmes: The Coastal forests and mangrove conservation programme with office base in Mouanko, Littoral Region and the Upper Nyong wetlands Project based in Akonolinga Centre/East region. CWCS currently hosts the secretariat of the Cameroon Mangrove Conservation Network of over 40 coastal associations, NGOs and Common Initiative Groups.

CWCS widely succeeds through the use of its multi-stakeholder participatory approach to implement its community based biodiversity conservation projects and programmes from planning, monitoring, evaluation to dissemination of results through institutional development, scientific research and policy outreach as part of its strategies to ensure sustainable livelihoods and biodiversity conservation.

The Annual Report of activities for 2017 document is divided into six major parts:

- i) Message from the coordinator
- ii) Achievements
- iii) Financial overview of 2017
- iv) Thank you note to partners & donors
- v) Call to action
- vi) Problems and constraints
- vii) Lessons learned and poverty alleviation
- viii) Annexes with updated list of publications with web-links

CWCS expresses sincere gratitude to all national and international governmental organisations, Cameroon Government and local partners that have contributed to its success and looks forward to working together with them and many other partners to fully realise the strategic action plan goals in order to contribute to the long-term survival of coastal and inland wetlands ecosystems in Cameroon and beyond.

December 2017

About CWCS Mission and goals



Building Partnerships to Protect Mangroves and Associated Coastal forests in Cameroon

- Development of strategic partnerships and networks with other NGOs to address various conservation issues at national and sub-regional levels;

Membership

Founded in 1994 registered on 19 February 1997, Cameroon Wildlife Conservation Society, CWCS is one of the lead and pioneer conservation national NGOs in Cameroon. The organization's mission is to contribute to safeguarding Cameroon's biodiversity by promoting rational utilization of its natural resources for purpose of sustainable development and nature conservation. CWCS is a democratic membership organization with

Cameroon Wildlife Conservation Society, CWCS is a leading national conservation NGO with over 20 years of field experience in coastal Atlantic forest, mangrove and wetlands management. The mission of CWCS is to work with the Government of Cameroon and other conservation NGOs and partners on environmental issues related to sustainable natural resource utilisation and economic development through:

- Lobbying for improved biodiversity and environmental policies;
- Capacity building of stakeholders notably local communities;
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- Specialized research and monitoring studies targeting endangered and flagship species and habitats especially wetlands;
- Supporting grass root conservation work with local communities within threatened ecosystems through participatory management addressing poverty alleviation and sustainable natural resource management.

over 100 members and volunteers/sympathizers from various professional disciplines.

The affairs of the organization are managed on daily basis by national bureau headed by an elected chairperson/president assisted by an executive composed primarily of a secretary general, treasure, national program coordinator and technical advisors.

SUMMARY

I. MESSAGE FROM THE COORDINATOR

II. ACHIEVEMENTS

III. FINANCIAL OVERVIEW OF 2017

IV. THANK YOU NOTE TO PARTNERS & DONORS

V. CALL TO ACTION

VI. PROBLEMS AND CONSTRAINTS

VII. LESSONS LEARNED AND POVERTY ALLEVIATION

ANNEXES

Updated list of publications with web-links

I. Message from the Coordinator

We have had a momentous year at the Organization in 2017, as we held several seminars and workshops, developed new projects in many local communities and partnered with many more of the stakeholders in the sector to bring about our goal of achieving sustainability in the sector.

At the end of the year, we finally witnessed the long-awaited decision on donation of scientific and logistical equipment to the conservation service.

The year began with a very positive development for the CWCS, as a training workshop was organized to train the staff of CWCS and the Conservation service of DEFR on the use of the new scientific and logistic equipment in Mouanko.

Multi-stakeholder partnerships and the resources, knowledge and ingenuity of the relevant stakeholders have been recognized as essential elements to mobilize and share knowledge, expertise, technology and financial resources that would complement the efforts of Governments and support the achievement of the Sustainable Development Goals (SDGs), particularly in coastal localities. Realizing the fact that lack of capacity is constraining the conservation of forest resources; CWCS undertake capacity development training and education initiative at various levels. CWCS has also spear-headed the development of Reduction of Emission due to Deforestation and Forest Degradation (REDD+) pilot projects for mangroves within the Tiko and Limbe III in collaboration with National Programme for Participative Development (PNDP) shaping the national REDD strategy. In the international scene, CWCS is represented in the Technical Working Group for the development of mangrove protocol additional to the 1981 Abidjan convention for the protection of Eastern Atlantic Ocean. In a landscape that is very challenging, CWCS continues to be selected because of our understanding and ability to deliver both conservation and sustainable development solutions to our target sectors and global projects at lower cost of ownership than our larger competitors.

We try to package how we see the year 2017 working with the support of our various partners at local and international levels for which we are very thankful. Happy Reading!



Abbreviations and Acronyms

COPCVAM : Comité de Pilotage de Conservation et de Valorisation des Mangroves

CWCS: Cameroon Wildlife Conservation Society

DER: Douala-Edea Reserve

G.A: General Assembly

GICs: Common Initiative Groups

NGO; Non-Governmental Organisation

REDD+: Reducing Emissions from Deforestation and Forest Degradation

SDGs: Sustainable Development Goals

II - ACHIEVEMENTS

CWCS has been working in collaboration with the Ministry of Forestry & Wildlife (MINFOF), towards the development of a long-term conservation program for Douala-Edea Reserve (DER), an important confluence point for estuaries of four Cameroon largest river basins: Sanaga, Wouri, Dibamba and Nyong basins. This will help to promote a healthy, well managed and protected mangroves by informed population with viable ecological landscape connectivity with enhanced provision of ecosystem services for

socioeconomic development and ecological security of coastal communities.



Monitoring and Evaluation of Regenerated mangroves site in Tiko



Dynamics of natural regeneration of mangroves of Tiko

➤ Strategic positioning

CWCS holds an important position having been actively involved over the past 20 years in coastal and inland wetlands conservation and protected area management issues through the implementation of two programmes: CWCS Coastal Forests and Mangrove Conservation Programme with office based in Mouanko, littoral region leading to ongoing gazettement of Douala-Edea National Park, an important confluence point for estuaries of four Cameroon largest river basins: Sanaga, Wouri,

Dibamba and Nyong basins; and CWCS Inland Wetlands Management Programme under the banner of the Upper Nyong Wetlands Project with office based in Akonolinga, Centre region. Moreover, CWCS currently hosts the secretariat of the Cameroon Mangrove Conservation Network of over 40 coastal associations, NGOs and Common Initiative Groups. CWCS will continue to use its multi-stakeholder participatory approach to be a leading wetlands conservation organisation.

Over the past 20 years (since 1997) of CWCS multi-partners and multi-donors experience in managing coastal forests, mangroves and wetlands in the Douala-Edea, the project benefiting from a wide range of support from donors and technical partners especially the Rain Forest Trust, Netherlands Committee of IUCN, Oxfam-Novib, Wetlands International Africa Programme, Mangrove Action Project, Netherlands Development Organisation (SNV), Canadian Gender and Developments Funds, GEF-UNDP Small Grants Programme, Nature and Poverty Netherlands, have carried out wetlands inventories; biodiversity assessments and threats of Cameroon coasts; establishing wetlands monitoring systems with clear biological and socioeconomic indicators; building gender sensitive local co-management institutions for poverty alleviation; sustained livelihood demonstrating projects for improved

wetlands resource extraction and conservation including improved smoke ovens/houses; undertaking community-based mangrove regeneration schemes; establishing and strengthening national and regional networks including a Network of Environmental Parliamentarians that have ultimately influenced policies through for example the gazette process of the first national park in Cameroon with marine extension, the signature of the Ramsar Convention by Cameroon in 2006, addressing petroleum and gas exploitation issues, and the on-going national wetlands policy development for Cameroon with potential spill over effects in the west/central African region. In the international scene, CWCS is represented in the Technical Working Group for the development of mangrove protocol additional to the 1981 Abidjan convention for the protection of Eastern Atlantic Ocean.

➤ Personnel situation

The field office base of the Coastal Forests and Mangrove Conservation Programme is based in Mouanko with Ten staff (full- and part-time) and more than seven zonal support staff and several village support staff (**Table 1**)

Table 1: Personnel of CWCS Coastal Program

a) Main staff

No	Designation	Name	Qualification	Period From
1	National Program Coordinator	Dr Gordon N. AJONINA	B.Sc.F, M.Sc.F, PhD (Forest Resources Management)	May 1998
2	Project Manager	DIYOUKE MIBG Eugene	Licence Sciences Economiques (2e), GIS Tech.	August 2000
3	Accountant	FOPEUSSI Armand	HND finance & Accounting	July 2010
4	Program Technical officer	DMAPO WEMBE Jasmine	M.Sc. Natural Resource Management	2010
5	Monitoring-Evaluation Officer	ATEM EDWIN EGBE	Fisheries and Aquatic Science Engineer	December 2015
6	Internship Support Officer	ETAME Prince Ardiles	Fisheries and Aquatic Science Engineer	March 2015
7	Driver	LAISIN Bruno	F.S.L.C.	November 1999
8	Boat Driver	TIMBA Martin	B.E.P.C.	February 2002
9	Secretariat/Office Assistant	LOLO ETOTOKE Catherine M	Professional Training in Secretarial Duties	January 2017
10	Night Watch man	IGRI Jean	BT en Sécurité	August 2000
11	Office Assistant Yaoundé Liaison Office	PETGA FEUKEU Emilie Laure	BACC	January 2017

b) Zonal Support staff

No	Zone	Coverage Area	Locality	Name
1	Douala-Edéa	Marine/Mangrove	YoyoI	Elimbi Benjamin
2	Douala-Edéa	Marine/Mangrove	YoumeI & II	Kingue Hanga Pilly Gaetan
3	Douala-Edéa	Marine/Mangrove	Bolondo/Sueleba	Manjong Richard Ade
4	Douala-Edéa	Marine/Mangrove	Siossio / Manoka	Edimo Antoine
5	Douala-Edéa	Lower Sanaga coastal forests	Malimba	Matoko Simon
6	Douala-Edéa	Lower Sanaga Coastal forests	Mouanko	Ndoumbe Alexandre
7	Douala-Edéa	Lower Sanaga Coastal forests	Nkaganzog/ Elogotot	Mpoth Mbome Albert
8	Douala-Edéa	Eastern coastal forests	Yassoukou	Mine Dissime
9	South West mangrove area	Bamousso, Tiko & Limbe III	Limbe III	Chick David
10	Southern coastal area	Rio Ntem	Campo Ma'an	Besseko Christian

➤ CWCS key Activities:

- Supporting conservation and sustainable management of mangrove and associated coastal forests for improved livelihoods and socioeconomic development of coastal communities in Cameroon and beyond



1. Capacity Building Programme

In the year 2017 conservatory focal points were axed on the strengthening of capacities of National Institutions, GICs and other NGOs concerned with natural resources management



A speech from the conservator of DEFR to mark the ceremony of donation of equipment by CWCS



Over the past 18 years, CWCS has been training and ensuring capacity building programmes for mostly students; conservation services as well as local common Initiative Groups. The trend of

capacity building is increasing rapidly as the year passes. **Figure 1** below shows the CWCS capacity building profile from 1999-2017. The trend of capacity building is increasing rapidly as the year passes.

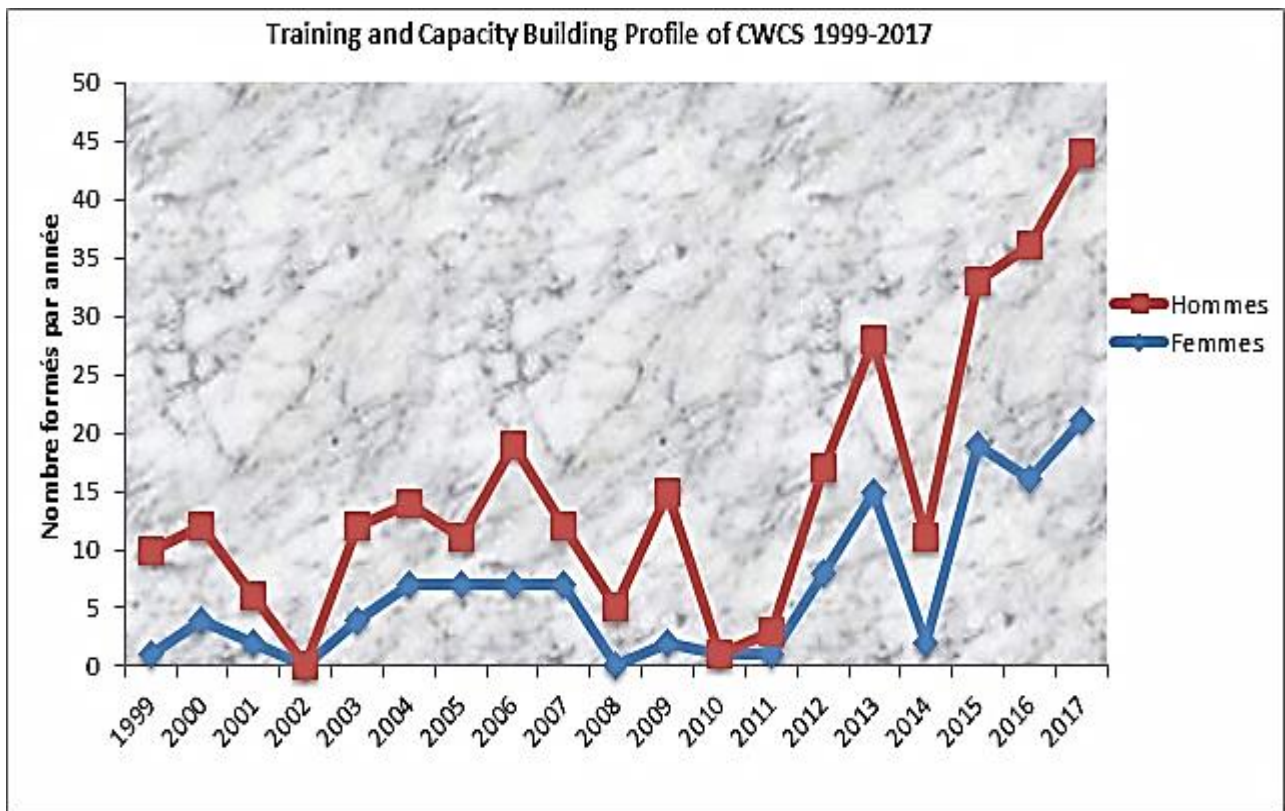


Figure 1: Capacity building trends

- Supporting Government efforts in coastal protected areas management and mangrove outside protected areas to strengthen a network of coastal protected areas with marine extension



- Development and implementation of management plans and management of protected areas, community and communal forests of mangroves & wetlands and Ramsar sites

- Creation of protected areas, community and communal forests of mangroves & wetlands and Ramsar sites (Bamoussou & Nkam-Wouri, Lake Ossa Sanaga-Delta respectively)



- Support to local coastal platforms for reforestation and sustainable management of mangroves in Douala-Edea (Yoyo, Mbiako & Bolondo areas) where over 20 ha have been replanted.

- Research and monitoring of mangroves & wetlands where 17 (0.1ha) plots have been established in intact and degraded mangrove areas. Also in newly community based mangrove replanted area.

- Monitoring of permanent mangrove biomass carbon plots

- Monitoring of water birds along the coastal areas of Cameroon with nearly 20 000 birds in 55 species of both Palearctic and Afrotropical species.

The National program Coordinator addressing the local communities during Consolidations meetings

✓ **At the level of the DEFR**
Donation of Field Equipment to support
The Conservation services



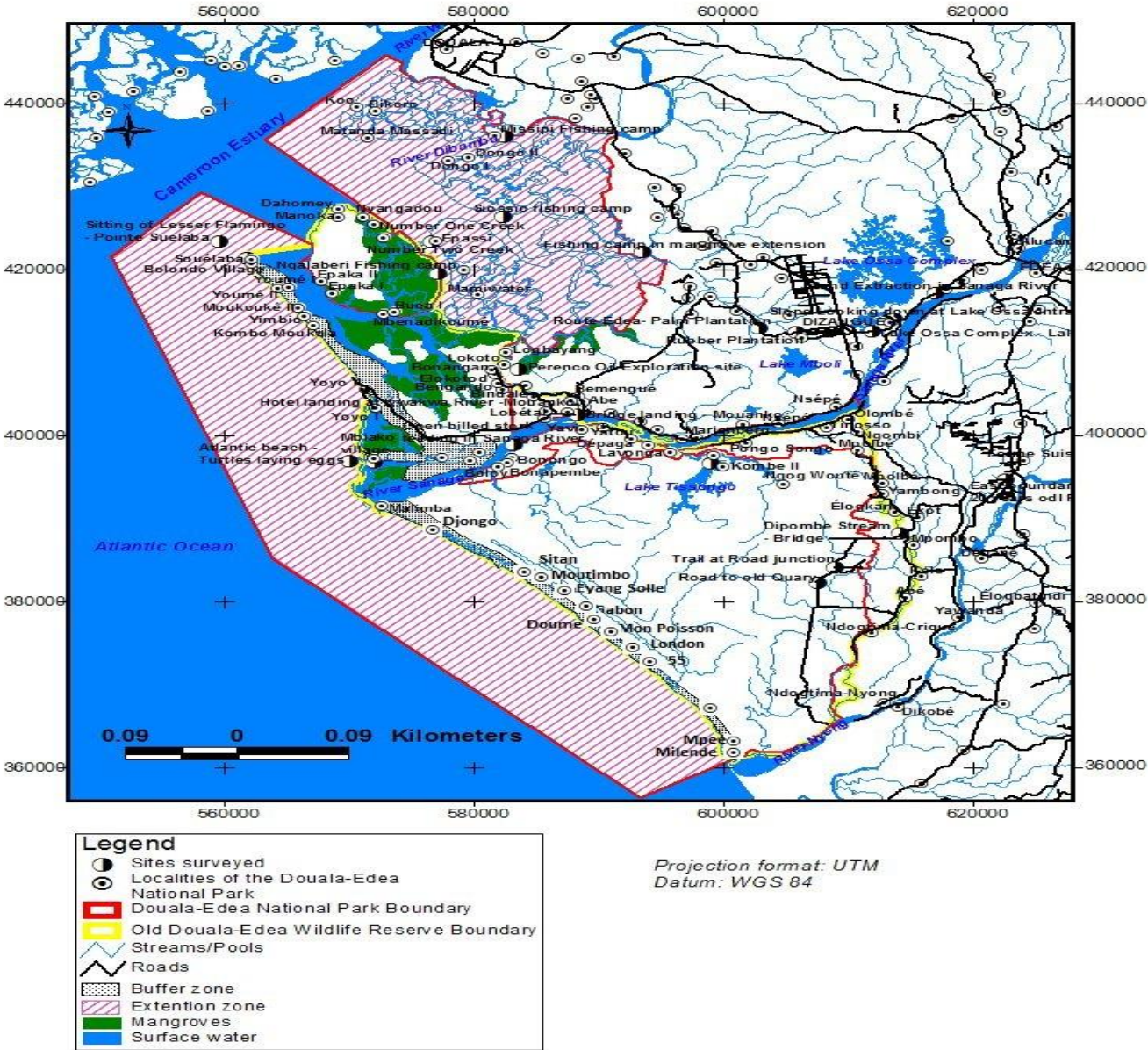
Forest Control Posts for Eco guards and Research

CWCS has donated four motor bikes and other field equipment to the Conservation services of DEFR to pilot and reinforce capacities of the conservation of forest resources in the Douala-Edea Wildlife Reserve. The project provides good scientific basis for designation of protected areas for biodiversity conservation and development of participatory management models involving all stakeholders to manage natural resources in surrounding wetlands use zones. This conservation model is to reconcile between conservation objectives and development needs including contributions to poverty reduction within local communities. This largely builds from the resources and experience of the previous phases of CWCS work in the area.



Completion of the project of Sustainable management and conservation of Mangroves Ecosystems in Cameroon

Geo-referencing and delimiting of the future Douala-Edea National Park



National Park will cover more than 260 000 ha with terrestrial, extended mangrove and marine components. This is after freeing some 40% of the old reserve to meet livelihood and development needs of the local population. This will help secure this last remaining critical site in Cameroon with flagship wildlife species such as elephants, chimpanzees and West African manatees. An area that has one of the largest relatively intact mangroves forests in Central Africa covering some 40 000 ha with exceptional statue reaching 50m in height and 100cm in diameter qualifying as one of the tallest mangroves in the world, also a rare breeding and roasting site for over 70 species of migratory birds. Hugely threatened by illegal exploitation of its rich natural resources, petroleum and other extractive operations, CWCS has also been working hard with international and national NGOs to make sure this conservation jewel is preserved and protected.

✓ At the level of the local community

- Many networking activities were implemented especially partnership building and collaboration with other development actor's in the zone in order to strengthen the implementation of the project in the pipeline;
- The GEF Bakossi project; UNEP GEF Bakossi; FAO; PNDP-Tiko Ekondo ; GEF Small Grant and Edea Multi-stakeholders and Workshops
- Seminars on sensitization of the local communities on the re-gazettement of the DER into a National Park held at Edea from the 15-16 November, 20017.



A speech from the Prefect of Sanaga Maritime Division on the Importance of protection of a National Park

Table 2: Summary of key activities carried out, lead institutions, date of implementation and level of achievements within the Douala-Edea Coastal Landscape.

N°	Activities	Persons concern		Date of execution	Level of Achievement
		Leader	Other partners		
1.	Institutional capacity buildings				
1.1	COPCVAM				
1.1.1	COPCVAM (GA) Meeting	SP	CWCS, Conservator	January 2017	Completed
1.1.2	Sensitization of the members of the vigilante Committee on their roles and attributions	SP	CWCS, Conservator	May 2017	Completed
1.1.3	Strengthening of material capacity of the vigilante committee (equipment)	SP	CWCS, Conservator	May, 2017	Completed
1.1.4	Missions of supervision of CTE COPCVAM	SP	Conservator, CWCS		Completed
1.1.5	Meeting of CTE COPCVAM (02)	SP	Conservator, CWCS		
1.1.6	Opération coup de poing	SP	Conservator, CWCS	Fébruary 2017	Completed
1.1.6	Handing over of scientific materials to the conservation service	SP	Copnservator; CWCS	November, 2017	
1.1.8	Inauguration of control forest Control Posts	CWCS	SP/ Conservator		
1.2	Ameliorated banda for the Women in Mouanko			Mai 2017	Completed
1.2.1	Construction of ameliorated banda at the women's house in Mouanko	CWCS	SP/ Conservator		Completed

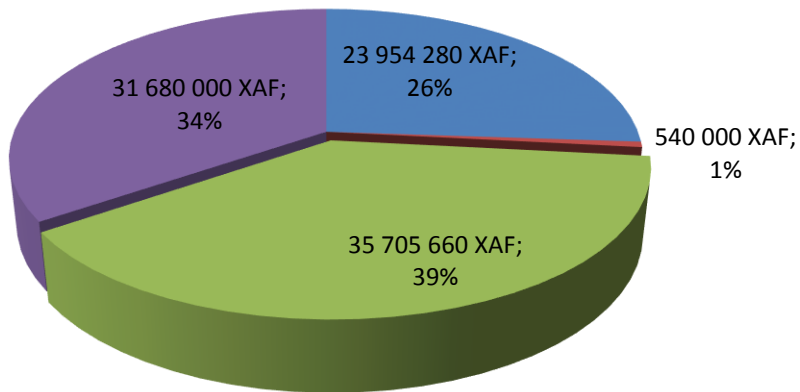
1.2.1	Inauguration of the ameliorated banda of the women house in Mouanko	SP	Conservateur, CWCS	May ,2017	Completed
2	Reclassification				
2.1	Mobilisation of Elites to follow the document for reclassification at the PM (Meeting with the Elites)	SP	Conservator/ CWCS	Novembre 2017	Completed
3	Training and capacity building of other actors				Completed
3.1	Seminar of capacity buildings of Traditional Chiefs and leaders of opinion	CWCS	SP/ Conservator	April 2017	Completed
3.2	Seminar of capacity buildings of participants of the assemblage, transformation of clamps on the necessity of constitution of CIGs and cooperations	CWCS	SP/ Conservator		

III - FINANCIAL OVERVIEW OF 2017

ANALYSES OF INCOMES AND EXPENSES

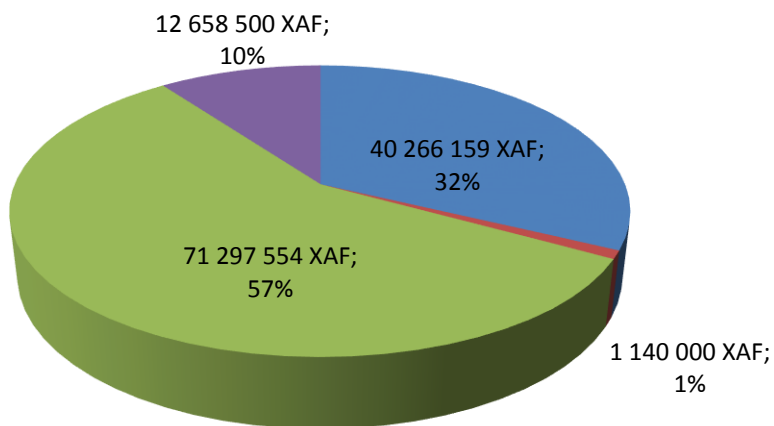
ACCOUNT NUMBER	EXPLANATION	YEAR 2016	%	YEAR 2017	%	EVOLUTION	%
75000	INCOMES	92 719 830	100.00%	131 392 534	100.00%	38 672 704	
75001	Transfers from partners						
	Rainforest Trust	68 521 830	73.90%	104 774 704	79.74%		
	MINEPDED/CB2	5 988 000	6.46%	5 988 000	4.56%		
	Others grants from partners	14 399 000	15.53%	5 800 000	4.41%		
	PNDP (REDD+) TIKO-LIMBE III	2 000 000	2.16%	10 979 830	8.36%		
75002	Others Incomes and sales	1 811 000	1.95%	3 850 000	2.93%		
	TOTAL INCOMES	92 719 830		131 392 534		38 672 704	29.43%
	EXPENSES	91 879 940	100.00%	125 362 213	100.00%	33 482 273	36.44%

YEAR 2016



- Operational Costs
- Networking and others institutional costs
- Field projects/monitoring initiatives
- Assets

YEAR 2017



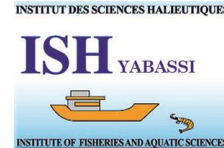
- Operational Costs
- Networking and others institutional costs
- Field projects/monitoring initiatives
- Assets

NB: Complete audited financial statement available upon request.

IV - THANK YOU NOTE TO PARTNERS & DONORS

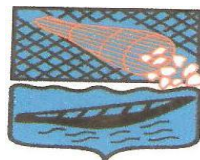
**MERCI!
THANKS!**

All our well-wishers and donors whose support has helped us to sustain and grow our work



Programme National de Développement Participatif

Ekondo Titi Council



Commune de Mouanko



DO VISIT US! Do call us in advance to arrange a mutually convenient timing.

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V - CALL TO ACTION

We call on civil society, government and private sector to take action for and support efforts in:

- Promotion of mangroves restoration. Efforts will continue to be put in place to restore degraded mangrove & associated coastal forests in Cameroon building from ongoing pilot mangrove replanting efforts and sustainable use initiatives pioneered by Cameroon Wildlife Conservation Society.
- Business plan for Douala-Edea. Completion of the on-going gazettment of Douala-Edea terrestrial and marine national park and the process of development of management and business plans for the proposed national park;
- Setting up of a fish catch management plan for sustainable exploitation of fisheries and aquatic resources in the Douala-Edea Forest Reserve.
- Policy influence. Promote development of national policies that favour benefit sharing mechanisms;
- Creation of lower Sanaga Ramsar site. The inclusion of the proposed Douala-Edea National Park with lake Ossa as a Ramsar Site

VI-PROBLEMS AND CONSTRAINTS

- Low operational capacity of the conservation service and other local government technical services that largely depend on project logistics for the functioning of their services.
- Presence of high population (over 60%) of foreign neighbouring nationals from Nigeria, Benin, Ghana, Mali and Benin with high illiteracy rate (only 15% literate) a majority of whom have no legal papers with corrupt tendencies with law enforcement officers especially Nigerians with rising diplomatic tension and sensitivity. This largely hinders sensitisation campaigns and the implementation of conservation programme.
- Absence of a government driven sustainable funding mechanism for NGOs in Cameroon who solely source funds to support their programmes.

VII-LESSONS LEARNT FROM CONSERVATION AND POVERTY ALLEVIATION

- Co-management brings increased synergies. Co-management experiences that have contributed to greater synergies between local government services and local stakeholders.
- Local empowerment supports conservation. Empowerment of local communities that has equally translated to their support to conservation activities.
- Need for good national policies and governance notably for mangroves and wetlands. Success of innovative participatory management initiatives can only be guaranteed by good national policies and good governance to promote benefit sharing.

ANNEXES

Updated list of publications (CWCS staff in bold) with web-links

D1: Selected peer-reviewed journal publications (Relevant to this application) (22).

1. Oben Mbeng, Z.S.Folefac, R.S. Ebonji, K.F.Togue, **G.N. Ajonina** and D.Mboglen (2017). Evaluation of Solid Wastes, Physico-Chemical Parameters and Tidal Variations in the Mangrove Ecosystem of Wouri Estuary: The Case of "Village" and "Bois des Singes". *International Journal of Trend in Research and Development*, Volume 4(2), ISSN: 2394-9333 (<http://www.ijtrd.com/papers/IJTRD7742.pdf>)
2. Dikoume Adolphe, Banjem Jacqueline, Ngassam Bruna, Tekou Guegang, **Diyouke Eugene, Ajonina Gordon** and Tomedi Minette (2016). Bio-ecological assessment of clams of the lower Sanaga Delta. Cameroon *International Journal of Fisheries and Aquatic Studies* 2016; 4(6): 495-505
3. Ndema Nsombo, E., Ako'o Bengono, F., Etame, J., Ndongo Din, **Ajonina, G.**, Bilong, P. (2016): Effects of vegetation's degradation on carbon stock, morphological, physical and chemical characteristics of soils within the mangrove forest of the Rio del Rey Estuary: Case study-Bamusso (South-West Cameroon). – *African Journal of Environmental Science and Technology* 10(3): 58-66.
4. Jean-Hude, E. Moudingo, **Gordon, N. Ajonina**, Mbarga, A. Bindzi and Bertin N. Tchikangwa (2016). Bumpy road to improved mangrove resilience in the Douala Estuary, Cameroon. *Journal of Ecology and The Natural Environment* 8(5):70-89. (www.academicjournals.org/journal/JENE/article.../BE9E70558226)
5. **Gordon Nwutih Ajonina**, Siegfried Didier Dibong, Rodrigue Ebonji Seth, Yevalla Gah-Muti, Nathalie Elougou Ndinga, Alexia Nkomba (2015). Revenus économiques et pollution écosystémiques liés au transport des personnes et des biens traversant les mangroves de l'estuaire du Wouri (Douala, Cameroun). *Int. J. Biol. Chem. Sci.* 9(4): 1851-1862 (<http://www.ajol.info/index.php/ijbcs/article/view/127114>)
6. Moudingo, J-H. E., **Ajonina, G.**, **Mibog, E.D.**, (2015). Mangrove Social and Ecological resilience geared in the Cameroon Estuary. *Pyrex Journal of Ecology and the Natural Environment* Vol 1 (4) pp. 037-044: (<http://pyrexjournals.org/pjene/abstract/2015/september/moudingo-et-al.php>)
7. NDEMA NSOMBO Eugene, SONE ESSOH Willy, **GORDON Ajonina**, ETAME Jacques, NDONGO DIN et **DIYOUKE MIBOG Eugene** (2015). Dynamique de croissance et taux de mortalité de *Rhizophora* spp. dans les mangroves de l'estuaire du Rio del Rey: Site de Bamusso (Sud-Ouest Cameroun). *Journal of Applied Biosciences* 85:7824 – 7837 (<http://m.elewa.org/Journals/wp-content/uploads/2015/01/7.-Ndema-Abstract-Vol.-85.pdf>)
8. Ndema Nsombo Eugene, Enone Enone Cyrille Joel, **Ajonina Gordon**, Etame Jacques, Gah-Muti Salvanus Yevalla and Ndongo Din (2014). Growth dynamics and mortality rate of *Rhizophora* spp. within the mangrove forest of the Rio Ntem Estuary: Case study – Campo (South Cameroon) *Research Journal of Agriculture and Environmental Management* 3(11): 577-586. <http://www.apexjournal.org>
9. **Gordon N. Ajonina**, M. Tomedi Eyango (2014). *Aquaforests and Aquaforestry: Africa. In: Encyclopedia of Natural Resources: Land.* Taylor and Francis: New York, Published online: 21 Oct 2014; 16-38.(<http://www.crcnetbase.com/doi/10.1081/E-ENRL-120047504>)
10. NWAMO Roland Didier, KENFACK TSOPGNI Carole, **AJONINA Gordon**, TOMEDI EYANGO Minette, DIBONG Siegfried Didier (2014). Effets de la salinité et de la température sur le taux d'éclosion des oeufs de *Penaeus kerathurus* (Kribi, Cameroun). *Journal of Animal & Plant Sciences* 23 (1): 3510-3520 (<http://www.m.elewa.org/JAPS/2014/23.1/1.pdf>)
11. Mayaka, T. B., Awah, H. C. and **Ajonina, G.** 2013. Conservation status of manatee (*Trichechus senegalensis* Link 1795) in Lower Sanaga Basin, Cameroon: An ethno-biological assessment. *Tropical Conservation Science*. Vol. 6(4):521-538. (http://tropicalconservationscience.mongabay.com/content/v6/TCS-2013_Vol_6%284%29_521-538_Mayaka.pdf)
12. Feka, N.Z. and **Ajonina, G.N.** (2011). Drivers causing decline of mangrove in West-Central Africa: a review, *International Journal of Biodiversity Science, Ecosystem Services & Management*, 7: 217- 230. (http://www.tandfonline.com/doi/pdf/10.1080/21513732.2011.634436#U0DUA6K4_IU)
13. Njisuh Z. Feka, George B. Chuyong, **Gordon N. Ajonina** (2009). Sustainable utilization of mangroves using improved fish smoking systems: A management perspective from the Douala-Edea Wildlife Reserve, Cameroon. *Tropical Conservation Science* 4:450-468 (http://tropicalconservationscience.mongabay.com/content/v2/09-12-07_450-468_feka_et_al.html)

14. **Gordon Ajonina**, Bertin Tchikangwa, George Chuyong and Martin Tchamba (2009). The challenges and prospects of developing a community based generalizable method to assess mangrove ecosystems vulnerability and adaptation to climate change impacts: Experience from Cameroon. *FAO Nature and Faune* 24(1):16-25(<ftp://ftp.fao.org/docrep/fao/012/ak995e/ak995e00.pdf>)
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16. **Ajonina, G.N.**, Amougou, J.A., **Ayissi, I.**, Ajonina ,P.U, Dongmo, M.M. and Ntabe, E.N. (2009). Waterbirds as bio-indicators of seasonal - climatic changes in river basin properties from eight years monthly monitoring in lower Sanaga, Cameroon. 2009. IOP Conf. Ser.: Earth Environ. Sci. 6 292021 (<http://m.iopscience.iop.org/1755-1315/6/29/292021>)
17. **Gordon Ajonina**, Abdoulaye Ndiame and James Kairo (2008). Current status and conservation of mangroves in Africa: An overview. *World Rainforest Movement Bulletin* 133 (<http://wrmbulletin.wordpress.com/2008/08/25/current-status-and-conservation-of-mangroves-in-africa-an-overview/>)
18. Ajonina, P.U., **Ajonina, G.N.**, Jin, E. **Mekongo, F.**, **Ayissi, I.** and Usongo, L.(2005).Gender roles and economics of exploitation, processing and marketing of bivalves and impacts on forest resources in the Douala-Edea Wildlife Reserve, Cameroon. *International Journal of Sustainable Development and World Ecology* 12: 161- 172 (http://www.tandfonline.com/doi/abs/10.1080/13504500509469627?journalCode=tsdw20&#.U0CodqK4_IU)(<http://povertyandconservation.info/en/gender-role-and-economics-exploitation-processing-and-marketing-bivalves-and-impacts-forest>)
19. Ntabe, E.N., **Ajonina, G.N.**, Mbong, G.A. and Tieguhong, J.C. (2005). Effect of natural manure on the early growth characteristics of *Artemisia annua* L in Dschang - Cameroon. *Journal of Science, Technology & Environment* 5 (1-2): 1-5
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21. **Ajonina, G.N.**, Ayissi, I. and L. Usongo. (2002). Provisional checklist and migratory status of waterbirds in the Douala-Edea Reserve, Cameroon. *Nature et Faune: Biodiversity files*. FAO. Rome. (http://cmsdata.iucn.org/downloads/endamana_et_al_2007.pdf)
22. **Ajonina, G.N.** and Usongo, L. (2001). Preliminary quantitative impact assessment of wood extraction on the mangroves of Douala-Edea Forest Reserve, Cameroon. *Tropical Biodiversity* 7 (2-3): 137-149.

D.2. Selected book & book chapters publications (relevant to this application) (13)

Books: (06)

1. J-Hude Moudingo, **Gordon Ajonina** and Bindzi Mbarga (2016). Building Mangrove Resilience with Communities in Cameroon Estuary: A Bumpy Road. LAP Lambert Academic Publishers, 124p (<https://www.lap-publishing.com/catalog/details/store/tr/book/978-3-659-91335-8/building-mangrove-resilience-with-communities-in-cameroon-estuary?locale=gb>)
2. **Gordon Ajonina**, Bertin Tchikangwa, George Chuyong and Martin Tchamba (*in press*). Assessing vulnerability and adaptation of mangroves and associated ecosystems to climate change impacts: principles and practices from Cameroon. WWF. Cameroon. 125pp
3. **Gordon Ajonina** (eds). (*in press*). A decade of mangrove reforestation in Africa (1999-2009): Serie 1: An assessment in five West African Countries: Benin, Ghana, Guinea, Nigeria and Senegal/ Une décennie de reboisement de mangrove en Afrique (1999-2009): Serie 1: Evaluations dans cinq pays en Afrique de l'Ouest: Bénin, Ghana, Guinée, Nigéria et Sénégal
4. **Ajonina, G.** J. G. Kairo, G. Grimsditch, T. Sembres, G. Chuyong, D. E. Mibog, A. Nyambane and C. FitzGerald 2014. Carbon pools and multiple benefits of mangroves in Central Africa: Assessment for REDD+. 72pp. www.unep.org/pdf/REDDcarbon_lowres.pdf
5. **Gordon Ajonina**, Chi Napoleon, Roger Skeen and Jaap Van de Waarde (J.J. Van der Waarde Ed). (2007). *Waterbird census of coastal Cameroon and Sanaga River January-March 2007*. WIWO report 83. Beek-Ubbergen. 114pp. (<http://www.wiwo.org/wiworeport83cameroon2007.pdf>)
6. **Gordon Nwutih Ajonina (2008)**. Inventory and modelling mangrove forest stand dynamics following different levels of wood exploitation pressures in the Douala-Edea Atlantic coast of Cameroon, Central Africa. *Mitteilungen der Abteilungen für Forstliche Biometrie, Albert-Ludwigs- Universität Freiburg*.2008- 2. 215p. (http://www.freidok.uni-freiburg.de/volltexte/6132/pdf/Gordon_N._Ajonina_Thesis.pdf)

Book chapters (08):

1. **Gordon N. Ajonina**, James Kairo, Gabriel Grimsditch, Thomas Sembres, George Chuyong, **Eugene Diyouke** (2014). Assessment of Mangrove Carbon Stocks in Cameroon, Gabon, the Republic of Congo (RoC) and the Democratic Republic of Congo (DRC) Including their Potential for Reducing Emissions from Deforestation and Forest Degradation (REDD+). In Salif Diop, Jean-Paul Barousseau, Cyr Descamps (eds). *The Land/Ocean Interactions in the Coastal Zone of West and Central Africa Estuaries of the World* .pp 177-189
http://link.springer.com/chapter/10.1007/978-3-319-06388-1_15
2. **Gordon N. Ajonina**, Expedit Evariste Ago, Gautier Amoussou, **Eugene Diyouke Mibog**, Is Deen Akambi, Eunice Dossa (2014). Carbon Budget as a Tool for Assessing Mangrove Forests Degradation in the Western, Coastal Wetlands Complex (Ramsar Site 1017) of Southern Benin, West Africa. In Salif Diop, Jean-Paul Barousseau, Cyr Descamps (eds). *The Land/Ocean Interactions in the Coastal Zone of West and Central Africa Estuaries of the World* .pp 139-149.
http://link.springer.com/chapter/10.1007/978-3-319-06388-1_12
3. **Gordon N. Ajonina**, Tundi Agardy, Winnie Lau, Kofi Agbogah, Balertey Gormey (2014). Mangrove Conditions as Indicator for Potential Payment for Ecosystem Services in Some Estuaries of Western Region of Ghana, West Africa. In Salif Diop, Jean-Paul Barousseau, Cyr Descamps (eds). *The Land/Ocean Interactions in the Coastal Zone of West and Central Africa Estuaries of the World* .pp 151-166. (http://link.springer.com/chapter/10.1007/978-3-319-06388-1_13)
4. Sylvie Carole Ondo Ntyam, A. Kojo Armah, **Gordon N. Ajonina**, Wiafe George, J. K. Adomako, Nyarko Elvis, Benjamin O. Obiang (2014). Importance of Mangrove Litter Production in the Protection of Atlantic Coastal Forest of Cameroon and Ghana. In Salif Diop, Jean-Paul Barousseau, Cyr Descamps (eds). *The Land/Ocean Interactions in the Coastal Zone of West and Central Africa Estuaries of the World* .pp 123-137. (http://link.springer.com/chapter/10.1007/978-3-319-06388-1_11)
5. **Isidore Ayissi**, **Gordon N. Ajonina**, Hyacinthe Angoni (2014). Status of Large Marine Flagship Faunal Diversity Within Cameroon Estuaries of Central African Coast. In Salif Diop, Jean-Paul Barousseau, Cyr Descamps (eds). *The Land/Ocean Interactions in the Coastal Zone of West and Central Africa Estuaries of the World* .pp 97-107.http://link.springer.com/chapter/10.1007/978-3-319-06388-1_9
6. **Ajonina, G.N.** (2009). Mainstreaming coastal wetland biodiversity conservation in African Mangroves, Cameroon (Chapter 13. p 147-159) In. UNDP, 2009. Mainstreaming Wetland Biodiversity Conservation: Experience and Lessons Learned in Practical Applications of Mainstreaming. (E.D. Ongley, & M.H. Allard, Eds.). UNDP and the State Forestry Administration of China, Beijing, P.R. China. 300pp. Available at: <http://www.cn.undp.org/content/dam/china/docs/Publications/UNDP-CH-EE-Publications-Mainstreaming-Wetland-Biodiversity-Conservation.pdf>
7. Bertrand Trolliet , Michel Fouquet et **Gordon N. Ajonina** (2006). Cameroun/Cameroun p84-86. In C. H. Diagona & T. Dodman 2006 (Eds). Numbers and distribution of waterbirds in Africa : Results of the African Waterbirds Census, 2002, 2003 & 2004 / Effectifs et distribution des oiseaux d'eau en Afrique : Résultats des dénombrements d'oiseaux d'eau en Afrique, 2002, 2003 & 2004 . 324pp (ISBN-13 978-90-5882-035-8) (<http://www.wetlands.org/Portals/0/DOEA%20AfWC%202002%202004.pdf>)
8. **Ajonina, G.**, Ganzevles W. and Trolliet, B. (2003). Rapport national du Cameroun p110-117. In Dodman T. and Diagona, C.H. *African waterbird census/les dénombrements d'oiseaux d'eau en Afrique 1999, 2000 et 2001*. Wetlands International Global Series No 16 Wageningen. 368pp (ISBN 90-5882-0165) (<http://www.wetlands.org/Portals/0/publications/Book/AWC%202003%20reduces%20size.pdf>)

D.3. Other technical reports (29)

1. **Ajonina, G.**, Moudingo, JHE, Mibog, E.D., Jarju, A.k., Jammeh, K., Conteh, F., Taal,S., Touray, L.M., Njei, M., and Janko, S., (2014). *Study to Assess Mangrove Dieback: Review of mangrove ecology in Gambia*. GEF/UNDP/ Enhancing Resilience of Vulnerable Coastal Areas & Communities to Climate Change Project, Banjul, Gambia, 54pp.
2. **Ajonina, G.**, Moudingo, JHE, Mibog, E.D., Jarju, A.k., Jammeh, K., Conteh, F., Taal,S., Touray, L.M., Njei, M., and Janko, S., (2014). *Study to Assess Mangrove Dieback: Review of mangrove dieback and forest decline in Gambia*. GEF/UNDP/ Enhancing Resilience of Vulnerable Coastal Areas & Communities to Climate Change Project, Banjul, Gambia, 45pp.
3. **Ajonina, G.**, Moudingo, JHE, Mibog, E.D., Jarju, A.k., Jammeh, K., Conteh, F., Taal,S., Touray, L.M., Njei, M., and Janko, S., (2014). *Study to Assess Mangrove Dieback: Causes of mangrove dieback in Gambia*. GEF/UNDP/ Enhancing Resilience of Vulnerable Coastal Areas & Communities to Climate Change Project, Banjul, Gambia, 70pp.
4. **Ajonina, G.**, Moudingo, JHE, Mibog, E.D., Jarju, A.k., Jammeh, K., Conteh, F., Taal,S., Touray, L.M., Njei, M., and Janko, S., (2014). *Study to Assess Mangrove Dieback: Permanent sampling plots and*

mangrove restoration sites. GEF/UNDP/ Enhancing Resilience of Vulnerable Coastal Areas & Communities to Climate Change Project, Banjul, Gambia, 36pp.

5. **Ajonina, G.**, Moudingo, JHE, Mibog, E.D., Jarju, A.k., Jammeh, K., Conteh, F., Taal, S., Touray, L.M., Njei, M., and Janko, S., (2014). *Study to Assess Mangrove Dieback: Community Mangrove Restoration Training Manual*. GEF/UNDP/ Enhancing Resilience of Vulnerable Coastal Areas & Communities to Climate Change Project, Banjul, Gambia, 60pp.
6. **Ajonina, GN** et Zafack, L. 2013. *Identification et Analyse des Facteurs de Déforestation et de Dégradation des Forêts dans les Paysages TNS et TRIDOM (Cameroun, Gabon, Congo et RCA)*. IUCN.
7. **Ajonina, Gordon**, Jonas KEMAJOU SYAPZE, Augustin Corin Bitchick Bi Bitchick , et Elie Nguekam Wambe (2013). Evaluation chiffrée de la dégradation d'une partie de la mangrove du littoral du Cameroun. OPED-MINEPDED, Yaounde. 86pp.
8. **Ajonina Gordon** (2012). Appraisal of policy frameworks for introducing PES in Guinea mining operations in reducing environmental damage World Agroforestry Centre-ICRAF-Nairobi—34pp
9. Chuyong, George and **Gordon Ajonina** (2011). Review and Consolidation of Monitoring and evaluation system at TRC. Transformation Reef Cameroun/WWF Yaounde, 45pp
10. **Ajonina Gordon** (2011). Chapitre 7. Coastal and Marine Ecosystems. Contribution de l'Afrique Centrale sur les thématiques de l'AEO-3. IUCN-Cameroun. 91pp (Draft)
11. **Ajonina, G.** (2011). Assessing policy and institutional frameworks for Reward Based Approaches for Watershed and biodiversity management: Current practices, constraints and prospects in Cameroon. A Readiness Appraisal Report. World Agroforestry Centre-ICRAF-Nairobi—88pp (Draft)
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13. Tata, F.T. and **Ajonina, G.** (2011). Wetlands Rapid Assessment Procedure Training and Biodiversity Inventories of Lake Kivu Islands, Rwanda: A consolidated Report, UNESCO, 116p
14. Tata, F.T. and **Ajonina, G.** (2011). Wetlands Rapid Assessment Procedure Training and Biodiversity Inventories of NUR Peninsular and Shegesha Island of Lake Kivu, Rwanda, UNESCO, 97pp
15. **Ajonina, GN** and Tata, F.T. (2011). *Wetlands Rapid Assessment Procedure training and biodiversity inventories in Rwanda: Training modules*. UNESCO-Nairobi, 71pp.
16. **Ajonina, G.** (2010). A Pre-exploitation forest resource inventory of the Kombe-Nsepe (PH-86) drilling permit, Mombe Site: Proposed extension plot, 34pp
17. Donfack, P., **Ajonina, GN** et Djontu, GA. 2010. *Analyse participative des facteurs de déforestation et dégradation des forêts dans les paysages transfrontaliers TNS et TRIDOM - Cameroun*. IUCN. 93pp
18. **Ajonina, G.** and Chuyong, G. (2010). Vulnerability assessment of mangrove forest stands from anthropogenic wood exploitation pressures and sea level rise impacts following a re-census survey and analysis of eight year old permanent sample plots in the Douala-Edea Estuary, Cameroon. 23pp
19. **Ajonina, G.** and Mibog, D.E. (2010). Pre-drilling impact assessment of mangrove forests within the Boa and Mbongo Drilling permit, South Western Region, 28pp
20. **Ajonina, G.N.**, Amougou, J.A., Djontu, G.A., Ngo Mouelas, D.N., Kuate, F., Etoga, G., Beek, R.A., Nseme, P., Ndi, J.O. and Moussa, N.M. (2010). *Etat de l'Environnement de l'Unité Technique Opérationnelle de Campo-Ma'an*. WWF-MINEP. 99pp.
21. Tata, F.T. and **Ajonina, G.** (2009). Wetlands Rapid Assessment Procedure Training and Biodiversity Inventories of Mbabara and Rwamnuma Islands of Lake Kivu, Rwanda, UNESCO, 112pp
22. Tata F.T. and **Ajonina, G.N.** (2007a). Wetlands assessment, planning, management and monitoring in Africa. Desk Study. African Development Bank Publication (in view). 123pp
23. Tata F.T. and **Ajonina, G.N.** (2007b). Wetlands assessment, planning, management and monitoring in Africa. Selected Country Case Studies. African Development Bank Publication (in view). 97pp
24. **Ajonina, G.** and Taza-Asaba, L.J. (2008). A Pre-exploitation forest resource inventory of the Kombe-Nsepe (PH-86) drilling permit, Mombe Site, 25pp
25. **Ajonina, G.N.**, Eyong, C., Mbamba, JP , et al. (2006). Ethno-biological surveys in the Douala-Edea Coastal Atlantic Region, Cameroon. IUCN-WTG. 46pp

26. Tim Dodman, Akoi Kouadio, **Gordon Ajonina** & Placide Kaya (2006). Report on an Exchange Programme at coastal wetlands of The Congo, April 2005. Wetlands International 11pp.
27. Nzooh, D.Z.L., **Ajonina, G.**, Ayissi, I., Kueté, F., Dongmo, M.M., Shu, L.A., Diyouke, E. and Mbakwa, R. (2005). *Système de suivi écologique et socioéconomique dans la Réserve de Faune de Douala-Edea et sa zone périphérique: Axes d'intervention*. MINFOF-CWCS. 28pp.
28. **Ajonina, G.N.**, Ayissi, I. and Usongo, L. (2004). Inventory of Coastal Wetlands of Cameroon/Inventaire des Zones Humides Côtières du Cameroun. Wetlands International Report. 68pp.
29. **Ajonina, G.N.** and Eyabi, G.D. (2002). Saving Cameroon's Mangroves through improved fish smoke-houses: CWCS community-based approach in Douala-Edea Mangroves. Mangrove Action Project Los Angeles. <http://www.mangroveactionproject.org> .

D.4. Conference proceedings (selected) (11)

1. **Gordon N. Ajonina (2016)**. Keynote Address: Mangroves and Wetlands of Sub-saharan Africa: Potential for sustainable livelihoods and Development. Proceedings of the 38th Annual Conference of Forestry Association of Nigeria, Portharcourt, Rivers States, 7th -11th March, 2016 pp xxii-xLix)
2. **Ajonina, G.N.**, AYA, F.A., Diame, A., K. Armah, A.K., CAMARA, S., Amegankpoe, C. and Zabbey, N., Kaya, P. (2016). Overview of experience of mangrove reforestation in West and Central Africa. Proceedings of the 38th Annual Conference of Forestry Association of Nigeria, Portharcourt, Rivers States, 7th -11th March, 2016 pp 12-21
3. **Gordon N. Ajonina**, George B. Chuyong and Patience A. Usongo (2012). Reducing tropical deforestation and the protection of ecosystem services to support food security in Southwest Cameroon. Global Environmental Change Research Learning Forum, 14-16 November, Accra Ghana. P. 13 (<http://cdkn.org/wp-content/uploads/2012/11/Research-Learning-Forum-Agenda.pdf>) (<http://start.org/programs/africangec/2011-grants/deforestation-ecosystem-services-and-food-security-cameroon>)
4. **Gordon Ajonina** and Isidore Ayissi (2012). Linking river hydrodynamics and sedimentology to waterbird numbers from longterm monthly monitoring of waterbirds within the lower Sanaga basin. 13th Pan-African Ornithological Congress, Arusha, Tanzania. P.7
5. **Gordon Ajonina** and Bertin Tchikangwa (2009). PES in mangroves and wetlands. Katoomba West African Workshop, Ghana 6-10 October, 2009 (<http://www.forestcarbonportal.com/news/katoomba-ghana-streaming-content-now-online-0>) (http://www.ecosystemmarketplace.com/pages/dynamic/article.page.php?page_id=7144) http://ecosystemmarketplace.com/media/audio/kgxv_wetlands_20091007.mp3
6. **Gordon Ajonina (2009)**. Compensating mining and oil deforestation/environmental degradation through biodiversity offset and other payment for environmental services mechanisms: Approaches and case studies. Forum National sur la Gestion Intégrée des Ressources Forestières et Minières au Cameroon, Yaounde, Assemblée Nationale, 16-17 Juillet, 2009.
7. **Gordon Ajonina (2007)**. Assessing vulnerability and adaptation of mangroves and associated ecosystems to climate change impacts: Towards a generalizable methodology for Cameroon. Paper presented at the WWF Inception and Planning Workshop on: Building coastal Resilience to Climate Change. Project 8C00610: 23 – 24 January, 2007 at Limbe, Cameroon. 15pp
8. **Ajonina, G.N.** (2004). Impact assessment and prospects of local community-based extraction and utilization of small wood on Cameroon mangrove forests. Poster presentation Conference on Creating Solutions for Using Small Trees, Sacramento, California, USA May 18 – 21, 2004.
9. **Ajonina, G.N.**, Kueté, F., Mekongo, F. and Ayissi, I. (eds) (2003). Proceedings of the 6th regional In Hands of Fishers (IHOF) workshop on community –based approaches to fisheries and mangrove management/Rapport du 6e atelier régional IHOF sur les approches communautaires de gestion de la mangrove et des activités de pêche. Edea, Cameroon.64pp.
10. Ayissi, I. **Ajonina, G.N.**, Usongo, L. et Fretey, J.. (2003). Etude Préliminaire sur les Tortues Marines dans la Réserve de Faune de Douala-Edéa. *Proceedings*. 4^e Congrès International sur les Chéloniens. Saly-Sénégal. 11 pp.
11. **Ajonina, G.N.** and L. Usongo .(1998). Preliminary assessment of wood utilisation, impacts and conservation prospects of the coastal mangrove forest of Douala – Edea Reserve, Cameroon. Paper Presented at the Workshop on Mangrove Conservation and Shrimp Aquaculture in Africa, current situation and future prospects (2nd International Conference on Wetlands and Development) held in Dakar-Senegal from 8 –14 November 1998) 5pp.

D.5. Contributions to national and regional policy documents (8)

(i) National Policy documents

1. Editor-in-Chief : General Supervisor: *Matanda Newsletter* of Cameroon Mangrove Network (since 2007 to present)
2. National REDD Readiness Preparation Proposal (R-PP) for Cameroon (**as resource person**)
<http://www.forestcarbonpartnership.org/sites/forestcarbonpartnership.org/files/Documents/PDF/Sep2012/Cameroun%20RPP%20revis%C3%A9%202012%2009%2028%20.pdf>
3. National Biodiversity Action Programme document of Cameroon (**as Consultant on Marine and Coastal Ecosystems**) <http://www.cbd.int/doc/world/cm/cm-nbsap-v2-fr.pdf>
4. Protocole d'Evaluation Environnementale et Sociale dans les Mangroves et les Ecosystèmes Côtiers Au Cameroun -MINEPDED 2014 (68pages)(
www.minep.gov.cm/index.php?option=com_docman&task=doc...gid...)
5. Stratégie nationale de gestion durable des mangroves et les Ecosystèmes Côtiers Au Cameroun MINEPDED 2014 (111pages) (www.minep.gov.cm/index.php?option=com_docman&task=doc...gid...en)
6. Plan Directeur de Recherche et de Suivi des Mangroves et des Ecosystemes Cotiers du Cameroun et Son Plan de Mise en Oeuvre Minepded 2014 (142 pages)
(www.minep.gov.cm/index.php?option=com_docman&task=doc...gid..)
7. Programme National d'Adaptation aux Changements Climatiques au Cameroun (PANA)
8. Plan d'action National de Suivi des Oiseaux d'Eau Comme Indicateurs des Zones Humides Plan d'action National de Suivi des Oiseaux d'Eau Comme Indicateurs des Zones Humides (Comme **Expert et équipe de rédaction**)
9. Groupe d'Elaboration des Normes FSC® pour la certification on des forêts de la République du Cameroun, dans le cadre de l'adaptation de la Norme Nationale existante et son transfert aux Principes et Critères Version 5 du FSC.
10. Rapport d'Etat de lieux et Gestion des Mangroves du Cameroun, MINEPDED 2017 (comme superviseur et rédacteur principal)
11. Atlas des Mangroves du Cameroun, MINEPDED 2017 (comme superviseur et rédacteur principal)

(ii) (Sub)Regional Policy documents

1. Mangroves of Western Africa, UNEP publication, 2017UNEP. (2007). "Mangroves of Western and Central Africa". UNEP-Regional Seas Programme/UNEP-WCMC. (<https://www.unep-wcmc.org/resources-and-data/mangroves-of-western-and-central-africa>)
2. Expert Contributor on the Document on Ecosystem Profile Guinean Forests of West Africa Biodiversity Hotspot. Final version December 2015 (403 pages) funded by Critical Ecosystem Partnership Fund.(http://www.cepf.net/SiteCollectionDocuments/guinean_forests/EN_Guinean_Forests_Ecosystem_Profile.pdf)
3. Policy brief on "Sécurité de l'avenir des mangroves en Afrique centrale: FAO, COMIFAC, UNEP, Réseau Africain de Mangrove (**comme Expert et équipe de rédaction**)
4. Panel of Expert for the Elaboration of an Additional Protocol on sustainable mangrove management to the 1981 Abidjan Convention for Marine & coastal resources management within the Atlantic coast.
5. National Expert Working Group for the production of Biannual State of Environment Report (SoER) for Cameroon
6. Contribution to the Elaboration of Document on Sustainable Forest Management of Forests in Africa (ECAWAS, ECCAS, EAC, SADC) by African Union (Addis Ababa-Ethiopia).